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     FILE 'REGISTRY' ENTERED AT 12:01:35 ON 18 DEC 2008
L1              STRUCTURE UPLOADED
L2            1 S L1 FAM FULL

     FILE 'HCAPLUS' ENTERED AT 12:02:14 ON 18 DEC 2008
L3            7 S L2
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=> file registry
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                             ENTRY    SESSION
FULL ESTIMATED COST                                           0.21       0.21

FILE 'REGISTRY' ENTERED AT 12:01:35 ON 18 DEC 2008
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provided by InfoChem.

STRUCTURE FILE UPDATES:   16 DEC 2008  HIGHEST RN 1085590-90-4
DICTIONARY FILE UPDATES:  16 DEC 2008  HIGHEST RN 1085590-90-4

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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Uploading C:\Program Files\STNEXP\Queries\10529431specific.str
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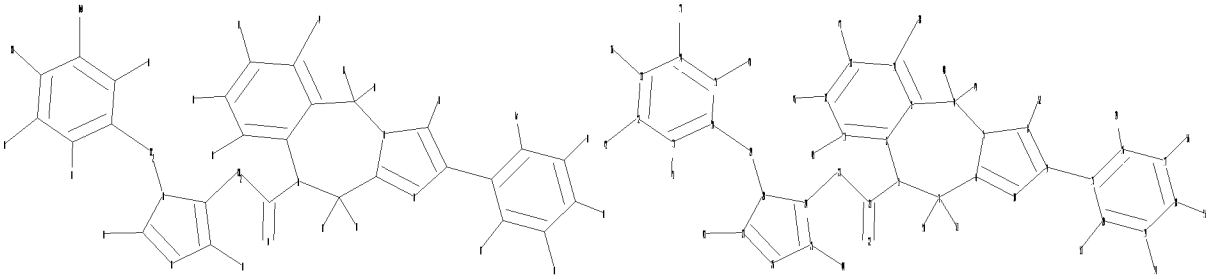

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chain nodes :
21  22  23  29  36  37  38  39  40  41  42  43  44  45  46  47  48  49  50  51  52
53  54  55  56
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  24  25  26
27  28  30  31  32  33  34  35
chain bonds :
1-21  4-48  4-49  7-50  7-51  8-52  9-15  11-45  12-46  13-47  14-38  16-39  17-56
18-55  19-54  20-53  21-22  21-23  23-24  25-44  27-43  28-29  29-30  31-41  32-42
33-36  34-37
35-40
ring bonds :
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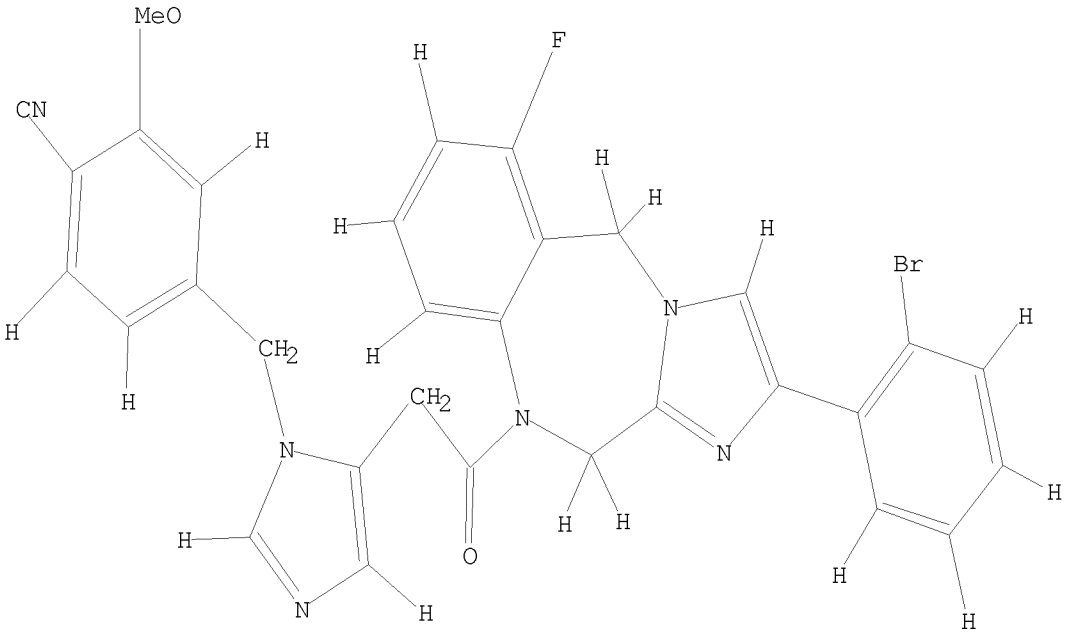
1-2 1-7 2-3 2-11 3-4 3-14 4-5 5-6 5-8 6-7 6-10 8-9 9-10 11-12 12-13
13-14 15-16 15-20 16-17 17-18 18-19 19-20 24-25 24-28 25-26 26-27 27-28
30-31 30-35
31-32 32-33 33-34 34-35
exact/norm bonds :
1-2 1-7 1-21 3-4 4-5 5-6 5-8 6-7 6-10 8-9 9-10 21-22 24-25 24-28 25-26
26-27 27-28
exact bonds :
4-48 4-49 7-50 7-51 8-52 9-15 11-45 12-46 13-47 14-38 16-39 17-56 18-55
19-54 20-53 21-23 23-24 25-44 27-43 28-29 29-30 31-41 32-42 33-36 34-37
35-40
normalized bonds :
2-3 2-11 3-14 11-12 12-13 13-14 15-16 15-20 16-17 17-18 18-19 19-20
30-31
30-35 31-32 32-33 33-34 34-35

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:CLASS
22:CLASS 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS 30:Atom
31:Atom 32:Atom
33:Atom 34:Atom 35:Atom 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS
41:CLASS 42:CLASS
43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS
51:CLASS 52:CLASS
53:CLASS 54:CLASS 55:CLASS 56:CLASS

L1   STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1   STR



Structure attributes must be viewed using STN Express query preparation.

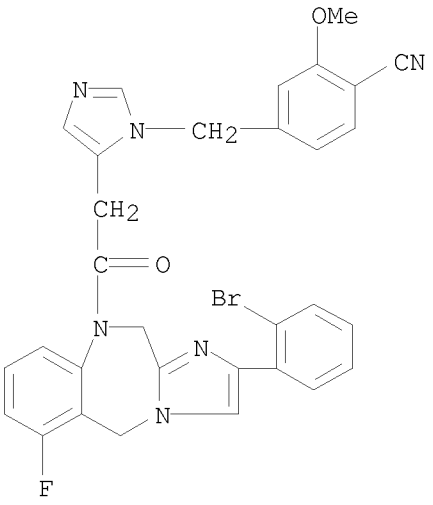
=> s l1 fam full
FULL SEARCH INITIATED 12:02:01 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L2 1 SEA FAM FUL L1

=> d l2 scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Benzonitrile, 4-[[5-[2-[2-(2-bromophenyl)-6-fluoro-5H-imidazo[2,1-c][1,4]benzodiazepin-10(11H)-yl]-2-oxoethyl]-1H-imidazol-1-yl]methyl]-2-methoxy-
MF C31 H24 Br F N6 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file hcaplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 70.11 70.32

FILE 'HCAPLUS' ENTERED AT 12:02:14 ON 18 DEC 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 18 Dec 2008 VOL 149 ISS 25
FILE LAST UPDATED: 17 Dec 2008 (20081217/ED)

HCAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

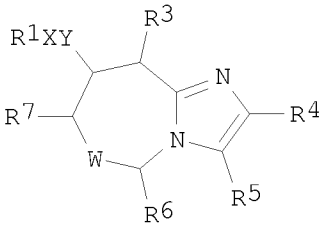
New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

```
=> s l2
L3           7 L2

=> d l3 1-7 ti abs bib

L3   ANSWER 1 OF 7  HCAPLUS  COPYRIGHT 2008 ACS on STN
TI   Preparation of imidazopyrazines, imidazobenzodiazepines, and related
     compounds as prenyl transferase inhibitors.
GI
```



I

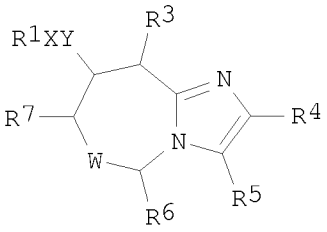
AB Title compds. [I; X = (CHR11)n3(CH2)n4Z(CH2)n5; n3 = 0, 1; n4, n5 = 0-3; Z = O, bond, etc.; Y = CO, CH2, CS, bond; R1 = (substituted) imidazolyl, triazolyl, etc.; R3 = H, (substituted) alkyl, alkenyl, etc.; R4, R5 = H, (substituted) alkyl, cycloalkyl, etc.; R6 = H, (substituted) alkyl, alkenyl, etc.; R7 = H, :O, :S, (substituted) alkyl, etc.; W = null, C], were prepared as prenyl transferase inhibitors (no data). Thus, 1-(2-ethoxy-2-oxoethyl)-2-[(1S)-[[(phenylmethoxy)carbonyl]amino]pentyl]-4-(2-methoxyphenyl)imidazole (preparation given) was hydrogenated in HOAc over Pd/C to give 8-butyl-6-oxo-2-(2-methoxyphenyl)imidazo[1,2-a]pyrazine. This was converted to 8-butyl-7-[3-(imidazol-5-yl)-1-oxopropyl]-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine in several steps.
AN 2008:490553 HCAPLUS <<LOGINID::20081218>>
DN 148:449668
TI Preparation of imidazopyrazines, imidazobenzodiazepines, and related compounds as prenyl transferase inhibitors.
IN Gordon, Thomas D.; Morgan, Barry A.

PA Societe de Conseils de Recherches et d'Applications Scientifiques, S.a.S., Fr.
SO U.S., 34pp., Cont.-in-part of U.S. Ser. No. 224428.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 7361656	B2	20080422	US 2006-353518	20060214
US 20060142275	A1	20060629		
WO 2000039130	A2	20000706	WO 1999-US31302	19991230
WO 2000039130	A3	20001102		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1382607	A2	20040121	EP 2003-78315	19991230
EP 1382607	A3	20040630		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
US 7084135	B1	20060801	US 2001-868356	20010810
US 20080176835	A1	20080724	US 2007-929118	20071030
PRAI US 1998-114301P	P	19981231		
US 1998-224428	B2	19981231		
WO 1999-US31302	W	19991230		
US 2001-868356	A1	20010810		
EP 1999-968984	A3	19991230		
US 2006-353518	A3	20060214		

OS MARPAT 148:449668
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of imidazopyrazines, imidazobenzodiazepines, and related compounds as prenyl transferase inhibitors
GI



I

AB Title compds. [I; X = (CHR11)n3(CH2)n4Z(CH2)n5; n3 = 0, 1; n4, n5 = 0-3; Z = O, NR12, S, bond; Y = CO, CH2, CS, bond; R1 = (substituted) imidazolyl, triazolyl, tetrazolyl, benzimidazolyl, isoquinolinyl, pyridyl, etc.; R3 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, cycloalkenyl, cycloalkenylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; R4, R5 = H, (substituted) alkyl, cycloalkyl, aryl,

heterocyclyl; R6 = H, (substituted) alkyl, alkenyl, cycloalkyl, cycloalkylalkyl, cycloalkenyl, cycloalkenylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; R7 = H, :O, :S, (substituted) alkyl, alkenyl, cycloalkyl, cycloalkylalkyl, cycloalkenyl, cycloalkenylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; W = null, C], were prepared as prenyl transferase inhibitors (no data). Thus, 1-(2-ethoxy-2-oxoethyl)-2-[(1S)-[[(phenylmethoxy)carbonyl]amino]pentyl]-4-(2-methoxyphenyl)imidazole (preparation given) was hydrogenated in HOAc over Pd/C to give 8-butyl-6-oxo-2-(2-methoxyphenyl)imidazo[1,2-a]pyrazine. This was converted to 8-butyl-7-[3-(imidazol-5-yl)-1-oxopropyl]-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine in several steps. Pharmaceutical composition comprising the compound I and methods of treating cancer and other diseases are disclosed.

AN 2006:759518 HCAPLUS <<LOGINID::20081218>>

DN 145:188920

TI Preparation of imidazopyrazines, imidazobenzodiazepines, and related compounds as prenyl transferase inhibitors

IN Gordon, Thomas D.; Morgan, Barry A.

PA Societe De Conseils De Recherches Et D'Applications Scientifiques, Sas, Fr.

SO U.S., 37 pp., Cont.-in-part of U.S. Ser. No. 224,428, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 7084135	B1	20060801	US 2001-868356	20010810
	WO 2000039130	A2	20000706	WO 1999-US31302	19991230
	WO 2000039130	A3	20001102		
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1382607	A2	20040121	EP 2003-78315	19991230
	EP 1382607	A3	20040630		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	US 7361656	B2	20080422	US 2006-353518	20060214
	US 20060142275	A1	20060629		
	US 20080176835	A1	20080724	US 2007-929118	20071030
PRAI	US 1998-114301P	P	19981231		
	US 1998-224428	B2	19981231		
	WO 1999-US31302	W	19991230		
	EP 1999-968984	A3	19991230		
	US 2001-868356	A1	20010810		
	US 2006-353518	A3	20060214		

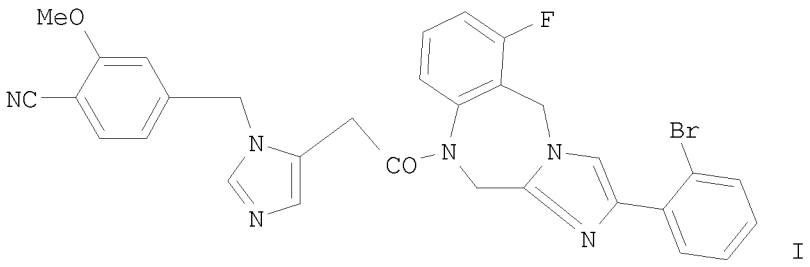
OS MARPAT 145:188920

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

TI Compositions containing farnesyl transferase inhibitors for the treatment of nasopharyngeal carcinoma

GI



I

AB Disclosed is a novel drug combination which is useful for the treatment of nasopharyngeal carcinoma, said novel drug combination comprising one or more of a farnesyl transferase inhibitor (FTI) and one or more of an anthracycline. An example FTI is I. Examples were given for assessment of farnesyl transferase inhibition in intact cells and cleavage of TRAF1 in C15 cells treated with a FTI and doxorubicin combination.

AN 2004:291952 HCAPLUS <<LOGINID::20081218>>

DN 140:315043

TI Compositions containing farnesyl transferase inhibitors for the treatment of nasopharyngeal carcinoma

IN Prevost, Gregoire; Busson, Pierre; Vicat, Jean-Michel

PA Societe De Conseils De Recherches Et D'applications Scientifiques, S.A.S., Fr.; Centre National De Recherche Scientifique

SO PCT Int. Appl., 76 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004028541	A2	20040408	WO 2003-IB4922	20030929
	WO 2004028541	A3	20040701		
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	AU 2003274565	A1	20040419	AU 2003-274565	20030929
	EP 1542691	A2	20050622	EP 2003-758540	20030929
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	JP 2006500421	T	20060105	JP 2004-539385	20030929
	US 20060166907	A1	20060727	US 2005-529431	20050325
	US 20080161253	A1	20080703	US 2008-74729	20080306
PRAI	US 2002-414103P	P	20020927		
	WO 2003-IB4922	W	20030929		
	US 2005-529431	A1	20050325		

OS MARPAT 140:315043

L3 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

TI Apoptosis and TRAF-1 cleavage in Epstein-Barr virus-positive nasopharyngeal carcinoma cells treated with doxorubicin combined with a farnesyl-transferase inhibitor

AB Epstein-Barr virus (EBV)-associated nasopharyngeal carcinomas (NPC) are much more sensitive to chemotherapy than other head and neck carcinomas. Spectacular regressions are frequently observed after induction chemotherapy. However, these favorable responses are difficult to predict and often of short duration. So far there have been only few expts. to investigate the mechanisms which underline the cytotoxic effects of anti-neoplastic drugs against NPC cells. In addition, these studies were performed almost entirely on EBV-neg. cell lines therefore not truly representative of NPC cells. For the first time, we have used two EBV-pos. NPC tumor lines derived from a North African (C15) and a Chinese (C666-1) patient as in vitro targets for a panel of anti-neoplastic agents. Doxorubicin, taxol and in a lesser extent cis-platinum efficiently inhibited NPC cell proliferation at clin. relevant concns., but all three agents failed to induce apoptosis. However, massive apoptosis of C15 cells was achieved when doxorubicin (1 μM) was combined with a farnesyl-transferase inhibitor, BIM 2001 (5 μM). Moreover, this apoptotic process was associated with a caspase-dependent early cleavage of the TNF-receptor associated factor 1 (TRAF-1) mol., a signaling adaptor which is specifically expressed in latently EBV-infected cells. TRAF-1 cleavage might become a useful indicator of chemo-induced apoptosis in EBV-associated NPCs.
AN 2003:28618 HCAPLUS <<LOGINID::20081218>>
DN 139:46523
TI Apoptosis and TRAF-1 cleavage in Epstein-Barr virus-positive nasopharyngeal carcinoma cells treated with doxorubicin combined with a farnesyl-transferase inhibitor
AU Vicat, Jean-Michel; Ardila-Osorio, Hector; Khabir, Abdelmajid; Brezak, Marie-Christine; Viossat, Isabelle; Kasprzyk, Philip; Jlidi, Rachid; Opolon, Paule; Ooka, Tadamassa; Prevost, Gregoire; Huang, Dolly P.; Busson, Pierre
CS UMR 1598, Institut Gustave Roussy, Villejuif, 94805, Fr.
SO Biochemical Pharmacology (2003), 65(3), 423-433
CODEN: BCPCA6; ISSN: 0006-2952
PB Elsevier Science Inc.
DT Journal
LA English
RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of pharmaceutical compositions containing mikanolide, dihydromikanolide or an analog thereof combined with another anticancer agent for therapeutic use in cancer treatment
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention concerns a product comprising at least mikanolide (I), dihydromikanolide or an analog, e.g., II [R1 = H, SR4, NR4R5; R2 = SR6, NR6R7; R3 = OH, O-acyl, O-silyl, O-carbamyl; R4, R6 = alkyl, cycloalkyl, (cycloalkyl)alkyl, hydroxyalkyl, (un)substituted aryl, aralkyl; R5, R7 = H, alkyl, cycloalkyl, (cycloalkyl)alkyl, hydroxyalkyl, (un)substituted aryl, aralkyl; R4R5 = 5- to 7-membered N-containing ring] and III, or their pharmaceutically acceptable salts, combined with at least one other anticancer agent for simultaneous, sep. or prolonged therapeutic use in cancer treatment. In a preferred embodiment of the invention, the mikanolide, dihydromikanolide or one analog thereof is combined with enzymic inhibitors such as G heterotrimeric protein inhibitors, IV [X = R22; Y = R18; XY = 6-membered ring, CHR18CHR19; R11 = H, lower alkyl,

alkylthio; R12, R13 = H, lower alkyl; R14 = O, H2; R5 = H, lower alkyl, (cycloalkyl)alkyl, alkenyl, alkynyl, aryl, arylalkyl, heterocyclyl, heterocyclylalkyl; R16, R17 = H, CONHCHR13CO2R14, lower alkyl, aryl, arylalkyl, heterocyclyl, heterocyclylalkyl; R18, R19 = H, lower alkyl, aryl, arylalkyl, heterocyclyl, heterocyclylalkyl; R18R19 = aryl or heterocycly ring; R20, R21 = H, aryl, heterocyclyl, alkyl, arylalkyl, heterocyclylalkyl; R22 = NR9, S, O; R23 = ; R24 = H, lower alkyl], V (R18, R19 = H, lower alkyl, aryl, arylalkyl, heterocyclyl, heterocyclylalkyl; R18R19 = aryl or heterocycly ring) or VI (R22 = NR9, S, O), or alkylating agents such as cis-platin. Thus, VII was prepared from mikanolide. VII was tested for cell proliferation inhibition activity [only 34% of cells lived when combined with VIII·HCl (vs. human colon cancer HT-29 cells)].

AN 2002:927175 HCAPLUS <<LOGINID::20081218>>

DN 138:14131

TI Preparation of pharmaceutical compositions containing mikanolide, dihydromikanolide or an analog thereof combined with another anticancer agent for therapeutic use in cancer treatment

IN Prevost, Gregoire; Coulomb, Helene; Lavergne, Olivier; Lanco, Christophe; Teng, Beng-Poon

PA Societe De Conseils De Recherches Et D'applications Scientifiques (S.C.R.A.S.), Fr.

SO PCT Int. Appl., 103 pp.
CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002096348	A2	20021205	WO 2002-FR1800	20020529
	WO 2002096348	A3	20040506		
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	FR 2825278	A1	20021206	FR 2001-7104	20010530
	CA 2448528	A1	20021205	CA 2002-2448528	20020529
	AU 2002313087	A1	20021209	AU 2002-313087	20020529
	EP 1438039	A2	20040721	EP 2002-738284	20020529
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	JP 2004533456	T	20041104	JP 2002-592861	20020529
	CN 1691941	A	20051102	CN 2002-812592	20020529
	HU 2004000153	A2	20070730	HU 2004-153	20020529
	US 20040138245	A1	20040715	US 2003-478387	20031211
PRAI	FR 2001-7104	A	20010530		
	WO 2002-FR1800	W	20020529		

OS MARPAT 138:14131

L3 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

TI Product inhibiting heterotrimeric G protein signal transduction combined with another anticancer agent for therapeutic use in cancer treatment

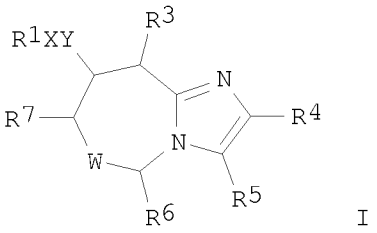
AB The invention provides a product inhibiting heterotrimeric G protein signal transduction combined with another anticancer agent, in particular a farnesyltransferase inhibitor, taxol or gemcitabine, for simultaneous, sep., or prolonged therapeutic use in cancer treatment.

AN 2001:359845 HCAPLUS <<LOGINID::20081218>>
DN 134:361346
TI Product inhibiting heterotrimeric G protein signal transduction combined with another anticancer agent for therapeutic use in cancer treatment
IN Prevost, Gregoire; Lonchampt, Marie-Odile; Gordon, Thomas; Morgan, Barry
PA Societe de Conseils de Recherches et d'Applications Scientifiques (S.C.R.A.S.), Fr.
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001034203	A1	20010517	WO 2000-FR3098	20001108
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	FR 2800616	A1	20010511	FR 1999-14037	19991109
	FR 2800616	B1	20020118		
	FR 2803524	A1	20010713	FR 2000-104	20000106
	FR 2803524	B1	20020419		
	CA 2390317	A1	20010517	CA 2000-2390317	20001108
	EP 1233787	A1	20020828	EP 2000-976116	20001108
	EP 1233787	B1	20041208		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	HU 2002003241	A2	20030228	HU 2002-3241	20001108
	HU 2002003241	A3	20060728		
	JP 2003513940	T	20030415	JP 2001-536200	20001108
	EP 1430934	A1	20040623	EP 2004-75491	20001108
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	AT 284224	T	20041215	AT 2000-976116	20001108
	PT 1233787	T	20050429	PT 2000-976116	20001108
	ES 2234692	T3	20050701	ES 2000-976116	20001108
	RU 2298417	C2	20070510	RU 2002-115262	20001108
	US 7034024	B1	20060425	US 2002-129569	20020621
	US 20060074078	A1	20060406	US 2005-272304	20051110
PRAI	FR 1999-14037	A	19991109		
	FR 2000-104	A	20000106		
	EP 2000-976116	A3	20001108		
	WO 2000-FR3098	W	20001108		
	US 2002-129569	A3	20020621		

OS MARPAT 134:361346
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
TI Preparation of imidazopyrazines, imidazobenzodiazepines, and related compounds as prenyl transferase inhibitors.
GI



I

AB Title compds. [I; X = (CHR11)n3(CH2)n4Z(CH2)n5; n3 = 0, 1; n4, n5 = 0-3; Z = O, NR12, S, bond; Y = CO, CH2, CS, bond; R1 = (substituted) imidazolyl, triazolyl, tetrazolyl, benzimidazolyl, isoquinolinyl, pyridyl, etc.; R3 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, cycloalkenyl, cycloalkenylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; R4, R5 = H, (substituted) alkyl, cycloalkyl, aryl, heterocyclyl; R6 = H, (substituted) alkyl, alkenyl, cycloalkyl, cycloalkylalkyl, cycloalkenyl, cycloalkenylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; R7 = H, :O, :S, (substituted) alkyl, alkenyl, cycloalkyl, cycloalkylalkyl, cycloalkenyl, cycloalkenylalkyl, aryl, aralkyl, heterocyclyl, heterocyclylalkyl; W = null, C], were prepared as prenyl transferase inhibitors (no data). Thus, 1-(2-ethoxy-2-oxoethyl)-2-[(1S)-[[(phenylmethoxy)carbonyl]amino]pentyl]-4-(2-methoxyphenyl)imidazole (preparation given) was hydrogenated in HOAc over Pd/C to give 8-butyl-6-oxo-2-(2-methoxyphenyl)imidazo[1,2-a]pyrazine. This was converted to 8-butyl-7-[3-(imidazol-5-yl)-1-oxopropyl]-2-(2-methoxyphenyl)-5,6,7,8-tetrahydroimidazo[1,2-a]pyrazine in several steps.

AN 2000:457071 HCAPLUS <<LOGINID::20081218>>
DN 133:89553

TI Preparation of imidazopyrazines, imidazobenzodiazepines, and related compounds as prenyl transferase inhibitors.

IN Gordon, Thomas B.; Morgan, Barry A.
PA Societe de Conseils de Recherches et d'Applications Scientifiques S.A., Fr.

SO PCT Int. Appl., 95 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000039130	A2	20000706	WO 1999-US31302	19991230
	WO 2000039130	A3	20001102		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2356756	A1	20000706	CA 1999-2356756	19991230
	EP 1140942	A2	20011010	EP 1999-968984	19991230
	EP 1140942	B1	20040310		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	HU 2001004708	A2	20020429	HU 2001-4708	19991230
	HU 2001004708	A3	20040528		
	EP 1382607	A2	20040121	EP 2003-78315	19991230

	EP 1382607	A3	20040630		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	AT 261447	T	20040315	AT 1999-968984	19991230
	PT 1140942	T	20040531	PT 1999-968984	19991230
	ES 2215420	T3	20041001	ES 1999-968984	19991230
	RU 2241712	C2	20041210	RU 2001-121317	19991230
	NO 2001003281	A	20010829	NO 2001-3281	20010629
	NO 321057	B1	20060306		
	US 7084135	B1	20060801	US 2001-868356	20010810
	US 7361656	B2	20080422	US 2006-353518	20060214
	US 20060142275	A1	20060629		
	US 20080176835	A1	20080724	US 2007-929118	20071030
PRAI	US 1998-114301P	P	19981231		
	US 1998-224428	A1	19981231		
	EP 1999-968984	A3	19991230		
	WO 1999-US31302	W	19991230		
	US 2001-868356	A1	20010810		
	US 2006-353518	A3	20060214		
OS	MARPAT 133:89553				